



**SFOBB – Seismic Replacement Project**  
**Status of Construction**  
**Week Ending February 6<sup>th</sup>, 2004**



**SKYWAY (04-012024)**

**Resident Engineer: Doug Coe**

Time Elapsed – 45%      Bid Opening date – December 19, 2001  
 Complete – 38%          Construction Began – February 6, 2002  
 Project Cost: \$1,043M      Est. Date of Completion – June 6, 2006

<http://www.newbaybridge.org>  
<http://www.dot.ca.gov/dist4/sfobbbulletin.htm>  
<http://biomitigation.org/>

**THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

	<b>This Week</b>	<b>Total to Date</b>	<b>Project Total</b>	<b>Percent Complete</b>
<b>FOUNDATIONS</b>				
Footing Boxes Set	0	16	28	57%
Piles Driven	5	79	160	49%
<b>SUBSTRUCTURE</b>				
Pier Columns	0	4	28	14%
Pier Access Casing	0	4	20	20%
<b>PRECAST YARD</b>				
Panels Cast	6	210	876	24%
Segments Cast	3	95	452	21%

**MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

Note: All dates noted are subject to change according to the contractor's schedule and weather conditions

**FOUNDATION AND SUBSTRUCTURE**

- Pier 16E – Install pier table falsework soffit and girders. Reinforcing is being assembled off site.
- Pier 15E – Install pier table falsework and soffit
- Pier 14E – Remove cofferdam and install pier table falsework
- Pier 13E – Form and pour access casing lid closure
- Pier 12E & 11E – Install access casing, reinforcing steel, and forms
- Pier 10E – Set pier form – 1<sup>st</sup> lift and place concrete
- Pier 09E – Place footing top slab rebar and weld studs
- Pier 08E – Clean out piles, set cage, and pour lower lift of concrete.
- Pier 07E – Continue pile head connection welding. Fabricate pier wall steel on dock.
- Pier 06E – Continue to cut slots for pile head connections
- Pier 05E – Continue to seal annular spaces and dewater footing box
- Pier 04E – Continue initial pile cleanout
- Pier 03E – Continue to splice and drive west side piles
- Pier 16W – Splice and drive west side piles
- Pier 15W – Dewater cofferdam and install pile template
- Pier 14W – Begin cofferdam installation

**PRECAST YARD (Stockton)**

- 6 panels are scheduled to be cast.
- 4 segments are scheduled to be cast.



### **PIER W2 STRUCTURES (04-0120C4)**

**Resident Engineer: Pedro Sanchez**

Time Elapsed – 58%

Est. Date of Completion – May 26<sup>th</sup>, 2004

Structure Work Completed – 54%

Project Cost: \$25M

#### **THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

- W2E: No structure work performed.
- W2W: Poured footing. Mass concrete curing is in progress.

#### **MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

- W2E: Form bottom cap.
- W2W: Continue mass concrete curing.

### **YBI SUBSTATION (04-0120G4)**

**Resident Engineer: Beau Wrightson**

Time Elapsed – 59%

Est. Date of Completion – June 23<sup>rd</sup>, 2004

Completed – 42%

Project Cost: \$5.5M

#### **THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

##### **RETROFIT WORK**

- 100% Completed

##### **SUBSTATION**

- Place concrete, concrete pour #4 and high roof slab
- Strip wall forms, concrete pour #4

##### **UTILITY RELOCATION**

- Finish installing 100 MM water pipe
- Finish Installing 150 MM water pipe
- Pressure test all pipe lines, including 32 mm copper line

#### **MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

##### **SUBSTATION**

- Waterproof exterior wall
- Place concrete, low roof slab

##### **UTILITY RELOCATIONS**

- Finish installing 150 mm compressed air pipe
- Provide water supply to existing substation -100 MM water pipe
- Abandon existing water main
- Switch over to new system
- Install water line to bridge vault below underpass

##### **UTILITY RELOCATIONS**

- WB 80 On-Ramp east of YBI tunnel. Tentative opening date 7/1/2004.



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**COAST GUARD ROAD RELOCATION (04-0120Q4)     Resident Engineer: Richard Duncan**

Time Elapsed – 100%

Est. Date of Completion – March 6<sup>th</sup>, 2004

Complete – 80%

**THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

- Conduits from lift station to canopy
- Remove cutback and pave electrical trenches
- Structure backfill at canopy's south footing
- Form footings for concrete canopy
- Place footing rebar for both footings at canopy

**MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

- Continue working on conduits from lift station to canopy
- Place footing and column reinforcements at canopy
- Concrete pour at 22'x11'x4' footings
- Form concrete canopy's columns

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**COMPLETED PROJECTS**

GEOFILL (04-012054)	Project accepted – April 1 <sup>st</sup> , 2003	RE: Richard Duncan
YBI MIDDEN SITE (04-012074)	Project accepted – January 9 <sup>th</sup> , 2003	RE: Beau Wrightson
PILE INSTALL DEMO (04-012084)	Project accepted – December 15 <sup>th</sup> , 2001	RE: Mark Woods